KENTUCKY TRANSPORTATION CABINET Department of Highway Design Division of Highway Design

TC 61-100E Rev. 03/05 1 of 2

DRAINAGE DESIGN SUMMARY

County:			ute:		Iter	Item No:					
UPN:			N:		Sta	tation:					
EXISTING CONDITIONS											
Stream Name: Slope: Slope:											
OHW Elevation:	Drift:		Bed	Material:	D50						
Abrasion Level:	рН:	Resistivity: D				ite Taken:					
Return Interval (Years)	2	5	10	25	50	100	500				
Discharge (cfs)											
Flow Depth or Tailwater (ft)											
Velocity											
PROPOSED STRUCTURE											
Type: Length, Size, Spans, Skew:											
Left Abutment or Inlet Type:	ft Abutment or Inlet Type: Right Abutment or Outlet Type:										
Coating:					Low Road El	evation:					
Net Opening:	Low Beam Elevation			Grate Elevation:							
Slope:		_ Inlet Elev	ation:		Outlet Elevation:						
ALTERNATES											
WSEL w/ Structure											
WSEL w/o Structure											
Velocity w/ Structure (fps)											
Q over Road Left/Right (cfs)	/	/	/	/	/_	/	/				
		EXISTIN	IG STRUCTU	JRE	!						
Туре:		_ Length, S									
Left Abutment or Inlet Type:			Right A	butment or (Outlet Type:						
Condition:				Low Road Elevation:							
Net Opening: Lo			m Elevation:		Grate Elevation:						
Slope:		Inlet Elevation			Outlet Elevation:						
WSEL w/ Structure											
WSEL w/o Structure											
Velocity w/ Structure (fps)											
Q over Road Left/Right (cfs)	/				/		/				

DRAINAGE DESIGN SUMMARY

REMARKS and / or CONTROLS													
RECORD HIGHWATER DATA													
Source	1.			2.			3.						
Elevation													
Date													
Location													
PROPOSED CHANNEL LINING													
Location	Class		Thickness	Depth to Protect		Len	igth	Quantity					
Upstream													
Downstream													
PROPOSED DIVERSION													
Flood	Flooding		Return Interval	Discharge			Elevation						
Design Storm	Design Storm												
Overtop Storm	Overtop Storm												
Recommended	Size and T	ype o	f Opening(s)										
		PROF	POSED BOX CULVERT or S	SPECIAL WI	NGWALL A	ANGLES							
, A /A, a //			. A. A	 		Ske	kewed Wings?						
			13 = /24)	Location	1	2	3	4					
MLET				30 Degree									
2 🗸	SERED BOOK SERED LEFT	Skewed Special											
OTHER SITE SPECIFIC INFORMATION													